

AMENDMENTS TO THE CLAIMS

Please amend the claims as shown below. A complete listing of the claims set forth below.

1-37 **(Cancelled)**

38. **(Currently amended)** A ~~non-naturally-occurring~~ composition comprising:

 a recombinant Tankyrase H protein; and

 a source of ADP ribose;

 wherein said ~~composition~~ **recombinant Tankyrase H protein** exhibits poly-ADP ribose polymerase activity **and has an amino acid sequence that is at least 95% identical to the entire contiguous sequence of SEQ ID NO:3 or SEQ ID NO:4.**

39. **(Currently amended)** The composition of claim 38, further comprising:

 a test-**candidate bioactive** agent.

40. **(Currently amended)** The composition of **claim 39,** ~~claim 38,~~ wherein said test

candidate bioactive agent is an organic molecule of less than 2,500 Da.

41. **(Currently amended)** The composition of **claim 39,** ~~claim 38,~~ wherein the test

candidate bioactive agent is a peptide.

42. **(Previously presented)** The composition of claim 38, wherein said composition is a

cellular composition comprising cells comprising:

 a recombinant nucleic acid encoding said Tankyrase H protein.

43. **(Previously presented)** The composition of claim 38, wherein said Tankyrase H protein

is a fusion protein.

44. **(Currently amended)** The composition of **claim 42,** ~~claim 38,~~ wherein said **cells are cell**

~~is a~~ mammalian cell **cells.**

45. **(Withdrawn)** A method of using the composition of claim 38, comprising:
contacting the composition of claim 38 with a test agent; and
determining any effect of said test agent on said poly-ADP ribose polymerase activity.
46. **(Withdrawn)** The method of claim 45, wherein said test agent is an organic molecule of less than 2,500 Da.
47. **(Withdrawn)** The method of claim 45, wherein the test agent is a peptide.